

# California OES Weather Threat Briefing

Tuesday, July 23, 2019  
9:00 AM PDT

**Day 1:** Isolated showers and thunderstorms across the Sierra and Southern Region today. Slightly elevated fire weather concerns continue for portions of all regions. Heat related impacts for those sensitive to heat continue in the Southern and Inland Regions.

National Weather Service  
Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT



# **WEATHER KEY POINTS**

**07/23/19 - 07/29/19**

## **Tuesday-Saturday**

- Hot, breezy, and dry conditions will continue to produce elevated fire weather concerns for portions of all regions through the week
- Isolated thunderstorms possible over the high Sierra through much of the week
- Increased moisture from the south will also bring a chance of thunderstorms to portions of Southern Region, primarily Tuesday through Thursday
  - Slow moving storms may bring a slight chance of heavy rain and flash flooding to Southern Region, especially on Wednesday
- Hot temperatures will continue across the state
  - Moderate to high heat risk impacts are possible, especially across portions of Inland Region and the Southern Region desert areas

## **Sunday-Monday**

- Hot, breezy, and dry conditions will continue to produce elevated fire weather concerns for portions of all regions heading into next week
- Drying conditions will significantly reduce or eliminate the threat of showers and thunderstorms, even over the Sierra
- Hot temperatures will linger across the state into next week
  - Moderate to high heat risk impacts are possible, especially across portions of Inland Region and the Southern Region desert areas



# CALIFORNIA WEATHER IMPACTS

07/23/19 - 07/29/19

<u>Hazards / Day</u>	TUE	WED	THU	FRI	SAT	SUN	MON
Non-Thunderstorm Damaging Winds							
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)	Sierra	Sierra/ Southern	Sierra/ Southern	Sierra	Sierra		
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	All Regions	All Regions	All Regions	All Regions	All Regions	All Regions	All Regions
Heat Risk	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Heavy Rain / Flash Flooding / Debris Flow		Southern					
Extreme Cold							



No Impacts



Minimal Impacts

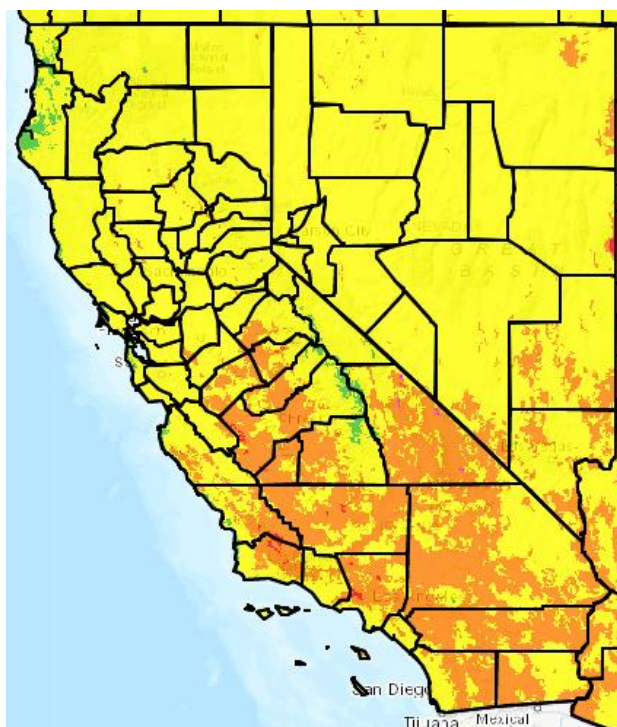


Moderate Impacts

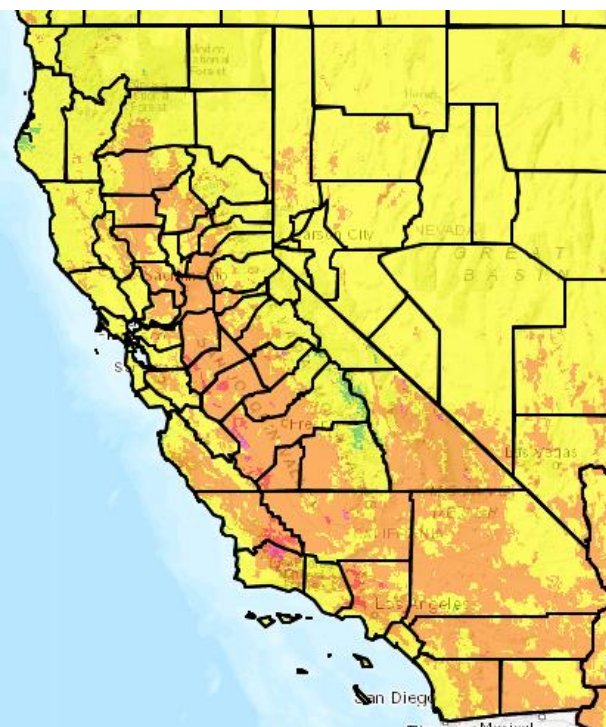


Severe Impacts

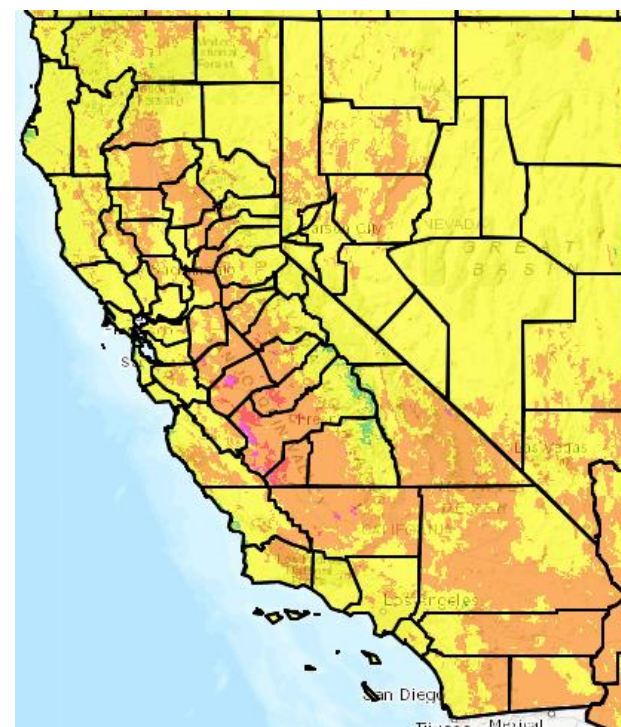
# EXPERIMENTAL HEAT RISK FORECAST



Tuesday, July 23



Wednesday, July 24



Thursday, July 25

Category	Level	Meaning
Green	0	No Elevated Risk
Yellow	1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Category	Level	Meaning
Red	3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	4	Very High Risk for entire population due to long duration heat, with little to no relief overnight

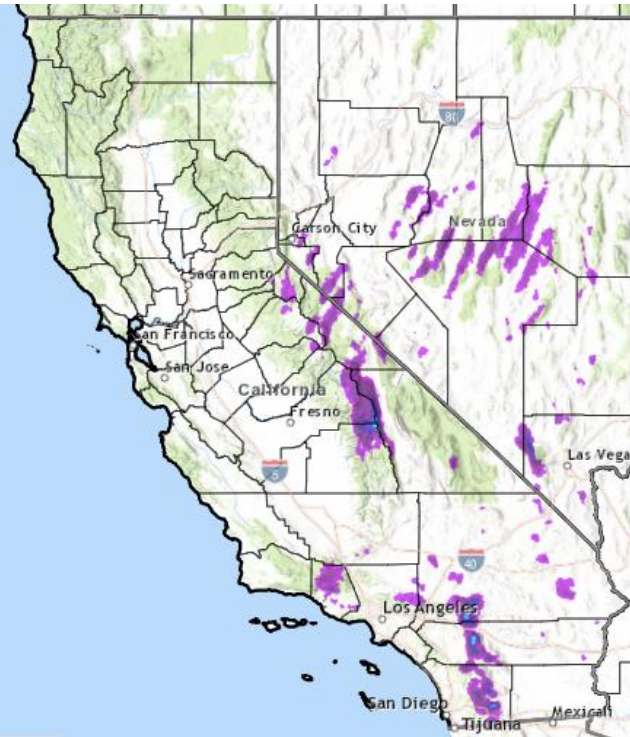
<https://www.wrh.noaa.gov/wrh/heatrisk/>



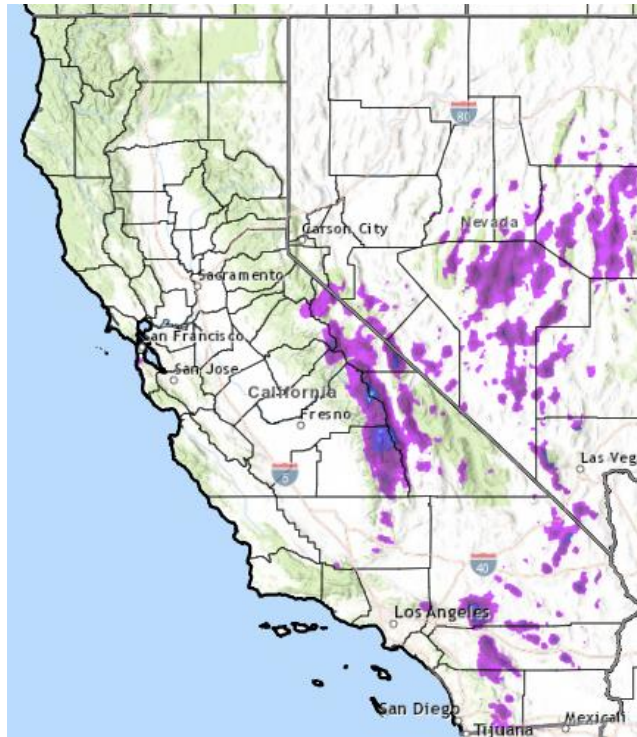


# PRECIPITATION FORECAST

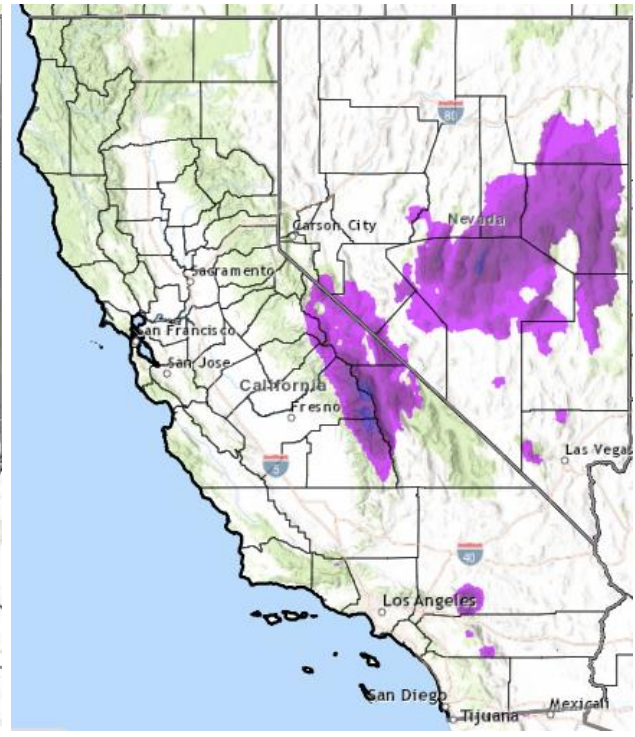
07/23/19 - 07/25/19



Tuesday, July 23



Wednesday, July 24



Thursday, July 25

Higher amounts possible under any thunderstorms each day

**Precipitation (inches)**



# **WEATHER OUTLOOK**

**07/28/19 - 08/05/19**

## **6-10 Day Outlook (July 28 – August 1)**

### **Temperatures**

- Above normal temperatures likely across the state

### **Precipitation**

- Equal chances of above or below normal precipitation

## **8-14 Day Outlook (July 30 – August 5)**

### **Temperatures**

- Above normal temperatures favored across the state

### **Precipitation**

- Above normal precipitation slightly favored for the Sierra and much of Southern Region, with near normal precipitation favored elsewhere



Information provided by:

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